

IEC Appliance Inlet C8, insert Mounting, Solder, PCB or Quick-connect Terminal



See below:

[Approvals and Compliances](#)

### Description

- Drop-in type
- Appliance Inlet , Pin temperature 70 °C , Protection class II
- Solder, Quick Connect or PCB Terminal

### Characteristics

- Contact pins are turned from solid material

### References

We recommend for new applications the type [0720-FP](#)

### Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

### Technical Data

|                                   |                                                                    |
|-----------------------------------|--------------------------------------------------------------------|
| Ratings IEC                       | 2.5 A / 250 VAC; 50 Hz                                             |
| Ratings UL/CSA                    | 7 A / 125 VAC; 60 Hz                                               |
| Dielectric Strength               | > 4 kVAC between L-N<br>> 2 kVAC between L/N-PE<br>(1 min/50 Hz)   |
| Allowable Operation Temperature   | -25 °C to 70 °C                                                    |
| IP-Protection                     | from front side IP20 acc. to IEC 60529                             |
| Protection against electric shock | Suitable for appliances with protection class II acc. to IEC 61140 |
| Terminal                          | Solder, Quick Connect or PCB Terminal straight                     |
| Material: Housing                 | PA6, black / grey / white, UL 94V-0                                |

|                         |                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Appliance inlet/-outlet | C8 acc. to IEC 60320-1<br>UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 2.5 A, Protection Class II |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------|

### Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

### Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: 2572

| Approval Logo | Certificates                  | Certification Body | Description                      |
|---------------|-------------------------------|--------------------|----------------------------------|
|               | <a href="#">VDE Approvals</a> | VDE                | VDE Certificate Number: 40034368 |
|               | <a href="#">UL Approvals</a>  | UL                 | UL File Number: E96454           |
|               | <a href="#">CSA Approvals</a> | CSA                | CSA Certification Record: 27324  |
|               | <a href="#">CCC Approvals</a> | CCC                | CCC Certificate Number:          |

Product standards

Product standards that are referenced

| Organization                                                                     | Design                | Standard         | Description                                                           |
|----------------------------------------------------------------------------------|-----------------------|------------------|-----------------------------------------------------------------------|
|  | Designed according to | IEC 60320-1      | Appliance couplers for household and similar general purposes         |
|  | Designed according to | UL 498           | Standard for Attachment Plugs and Receptacles                         |
|  | Designed according to | CSA C22.2 no. 42 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

Application standards

Application standards where the product can be used

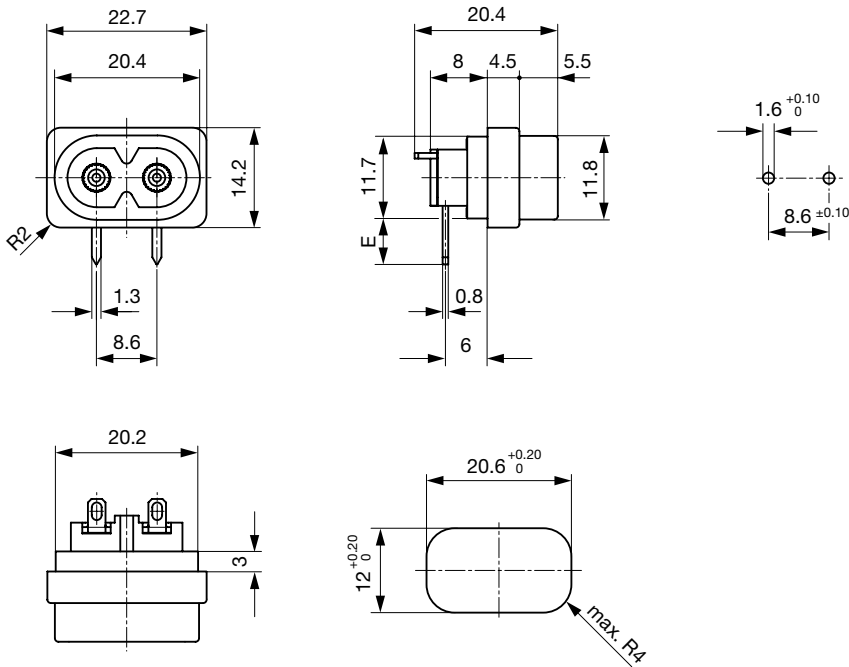
| Organization                                                                     | Design                         | Standard       | Description                                                                                                          |
|----------------------------------------------------------------------------------|--------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------|
|  | Designed for applications acc. | IEC/UL 62368-1 | IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment. |

Compliances

The product complies with following Guide Lines

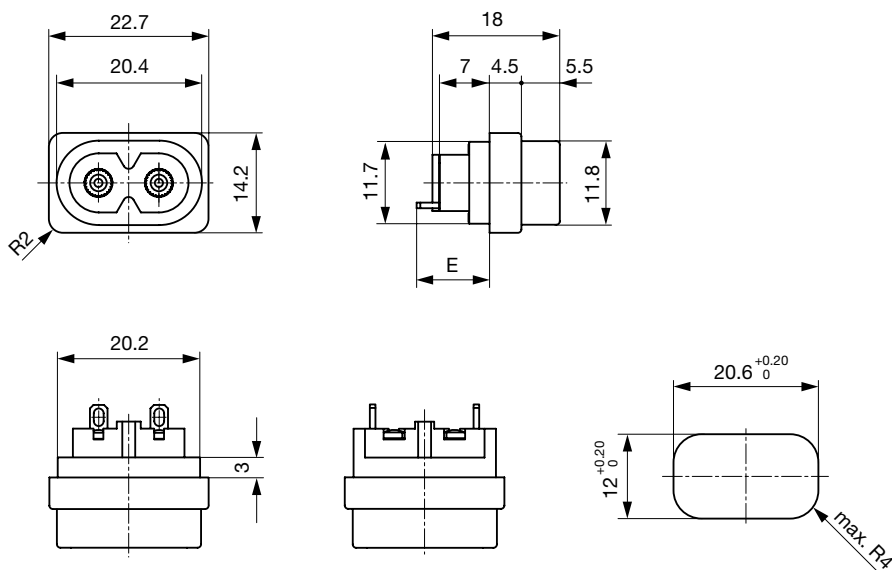
| Identification                                                                    | Details                                      | Initiator   | Description                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------|----------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <a href="#">CE declaration of conformity</a> | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
|   | <a href="#">RoHS</a>                         | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863                                                                                                                                                    |
|   | <a href="#">China RoHS</a>                   | SCHURTER AG | The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.                                                                                  |
|  | <a href="#">REACH</a>                        | SCHURTER AG | On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.                               |

Dimensions [mm]



- E = PCB terminal standard (additional solder): 6.8 mm
- E = PCB terminal short (additional solder): 0.6 mm
- E = PCB terminal long (additional solder): 15.8 mm
- E = PCB terminal standard: 6.5 mm
- E = PCB terminal short: 5.0 mm
- E = PCB terminal long: 7.6 mm

Quick connect or solder terminal in orientation A (horizontal) or B (vertical)



E = Solder terminal short: 10.5 mm  
 E = Solder terminal long: 14.2 mm  
 E = Quick-connect terminal 2.8x0.8 mm: 16.5 mm  
 E = Quick-connect terminal 4.8x0.8 mm: 15.0 mm (only orientation B)

## Config. Code

2572 - H - A B C 0 - D - E G F

The characters are placeholders for the correspondingly keys of selections from the key tables.

2572 - **H** - A B C 0 - D - E G F = Type

| Type                | Configuration key |
|---------------------|-------------------|
| protection class II | X                 |

2572 - H - **A** B C 0 - D - E G F = Terminals

| Terminal L                                         | Configuration key |
|----------------------------------------------------|-------------------|
| short solder terminal (L = 4.8 mm)                 | 2                 |
| long solder terminal (L = 8.5 mm)                  | 3                 |
| PCB-terminal standard (additional solder terminal) | 4                 |
| PCB-terminal short (additional solder terminal)    | 5                 |
| PCB-terminal long (additional solder terminal)     | 6                 |

| Terminal L                    | Configuration key |
|-------------------------------|-------------------|
| Blade terminal (2.8 x 0.8 mm) | 7                 |
| Blade terminal (4.8 x 0.8 mm) | 8                 |
| PCB-terminal (standard)       | A                 |
| PCB-terminal (short)          | B                 |
| PCB-terminal (long)           | C                 |

2572 - H - A **B** C 0 - D - E G F = Terminals

| Terminal N                                         | Configuration key |
|----------------------------------------------------|-------------------|
| short solder terminal (L = 4.8 mm)                 | 2                 |
| long solder terminal (L = 8.5 mm)                  | 3                 |
| PCB-terminal standard (additional solder terminal) | 4                 |

Symbols similar as in table A

| Terminal N                                      | Configuration key |
|-------------------------------------------------|-------------------|
| PCB-terminal short (additional solder terminal) | 5                 |
| PCB-terminal long (additional solder terminal)  | 6                 |
| Blade terminal (2.8 x 0.8 mm)                   | 7                 |
| Blade terminal (4.8 x 0.8 mm)                   | 8                 |
| PCB-terminal (standard)                         | A                 |
| PCB-terminal (short)                            | B                 |
| PCB-terminal (long)                             | C                 |

Symbols similar as in table A

2572 - H - A B C 0 - D - E G F = Terminals

| Terminal Ground  | Configuration key |
|------------------|-------------------|
| without terminal | 0                 |

Symbols similar as in table A

2572 - H - A B C 0 - D - E G F = Color

| Color | Configuration key |
|-------|-------------------|
| Black | A                 |

| Color | Configuration key |
|-------|-------------------|
| Grey  | B                 |
| White | D                 |

2572 - H - A B C 0 - D - E G F = Style

| Style       | Configuration key |
|-------------|-------------------|
| insert type | 5                 |

2572 - H - A B C 0 - D - E G F = Dimension S

| Dimension "S" | Configuration key |
|---------------|-------------------|
| 00            |                   |

The dimension "S" is displayed in (1/10 mm). This information is also valid for the order code

2572 - H - A B C 0 - D - E G F = Orientation of Terminals

| Orientation of Terminals | Configuration key |
|--------------------------|-------------------|
| horizontal               | A                 |
| vertical                 | B                 |

All Variants

| Terminals L / N                                 | Orientation of Terminals | Color | Style       | Config. Code       | Order Number |
|-------------------------------------------------|--------------------------|-------|-------------|--------------------|--------------|
| short solder terminal (L = 4.8 mm)              | horizontal               | Black | insert type | 2572-X-2200-A-500A | 6160.0008    |
| PCB-terminal short (additional solder terminal) | horizontal               | Black | insert type | 2572-X-5500-A-500A | 6160.0009    |
| PCB-terminal long (additional solder terminal)  | horizontal               | Black | insert type | 2572-X-6600-A-500A | 6160.0010    |
| Blade terminal (4.8 x 0.8 mm)                   | vertical                 | Black | insert type | 2572-X-8800-A-500B | 6160.0026    |
| PCB-terminal (long)                             | horizontal               | Black | insert type | 2572-X-CC00-A-500A | 6160.0030    |
| PCB-terminal (short)                            | horizontal               | Black | insert type | 2572-X-BB00-A-500A | 6160.0044    |

The listed variants should be available from stock. Other versions on request [www.schurter.com/contact](https://www.schurter.com/contact)

Most Popular.

Availability for all products can be searched real-time:<https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

Packaging unit 100 Pcs

Accessories

Description



Wire Harness  
Wire harness for SCHURTER products

## Mating Outlets/Connectors

### Category / Description

#### [Power Cord Overview complete](#)



|                                                                                                                        |                           |
|------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Cord Sets 2.5 A, IEC Connector, Black, 2.0 m, H03VVH2-F 2x0,75mm2, Connector IEC C7, 001500 mm, H03VVH2-F2G0.75, black | <a href="#">6013.0474</a> |
|------------------------------------------------------------------------------------------------------------------------|---------------------------|

|                                                                                                                        |                           |
|------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Cord Sets 2.5 A, IEC Connector, Black, 4.0 m, H03VVH2-F 2x0,75mm2, Connector IEC C7, 001500 mm, H05VVH2-F2G0.75, black | <a href="#">6013.0478</a> |
|------------------------------------------------------------------------------------------------------------------------|---------------------------|

[Power Cord further types to 2572](#)

#### [Power Supply Cord Overview complete](#)



|                                                                                                        |                           |
|--------------------------------------------------------------------------------------------------------|---------------------------|
| Cord Sets 2.5 A, North America, Black, 2.0 m, SVT 2x18AWG, Connector IEC C7, 002500 mm, NISPT-2, black | <a href="#">6010.5274</a> |
|--------------------------------------------------------------------------------------------------------|---------------------------|

|                                                                                                        |                           |
|--------------------------------------------------------------------------------------------------------|---------------------------|
| Cord Sets 2.5 A, North America, Black, 4.0 m, SVT 2x18AWG, Connector IEC C7, 002500 mm, NISPT-2, black | <a href="#">6010.5278</a> |
|--------------------------------------------------------------------------------------------------------|---------------------------|

[Power Supply Cord further types to 2572](#)

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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